

POWER SWITCH

Depressing the white dot on the switch will turn the unit on, at which time the dial will illuminate.

SELECTOR SWITCH

This switch will select the program source that will be reproduced by your system.

AM

In this position, all standard AM broadcasts are reproduced.

FM MONO

In this position, all FM broadcasts will reproduced monaurally. If the stereo indicator illuminates, it is an indication that the station is transmitting stereo broadcasts.

FM STEREO

In this position, your system is capable of reproducing FM stereo broadcasts in stereo. It will also reproduce monaural broadcasts monaurally.

PH/TAPE

In this position, your system will reproduce either a tape or record depending on the device that is being used.

VOLUME

Controls the loudness of the system, rotation in a clock, wise direction increases the loudness and rotation in a counter-clockwise direction decreases the loudness.

BALANCE

This control is used to balance any differences in level from left to right channel due to difference in program material or associated equipment Control should be set for approximately equal levels from your speakers.

BASS AND TREBLE

These controls increase or decrease the bass and treble tones and should be set in accordance with listening preference, and room acoustics.

TUNING

This control allows selection of stations on either the AM or FM band. After desired station is found and heard, look at tuning meter and adjust for maximum deflection (meter hand to the Right). This tuning position will provide best separation on FM stereo and minimum noise on MONO FM and AM reception.

PHONO INPUT

A stereo record changer with a high level cartridge (ceramic or crystal) may be plugged into these jacks.

TAPE INPUT

A tape deck with playback preamps may be plugged into these jacks.

REC OUT

These jacks should be connected to the input jacks of your tape recorder. This connection will allow you to make recordings of the program source your system is reproducing. The output level at these jacks is unaffected by the front settings.

HEADPHONE JACK

When stereo headphones are connected to this jack, the speakers are automatically shut off. The operation is the same as outlined previously.

ANTENNA TERMINALS

The set comes equipped with built-in antenna for AM and an external "single wire" type for FM. FM "single wire" should be unwrapped and extended to full length and located to give best reception. These antennas will be suitable for normal metropolitan use. For more distant stations external antennas may be used.

To connect an external antenna for improved FM reception, disconnect the wire that is presently connected and connect the wires from external antenna.

For AM, all that is usually required is a long piece of wire connected to the AM terminal. This may improve reception: however, it may also increase the noise level being picked up.

Modulaire AM/FM Component Stereo System
(120-1469) Installation

Faxback Doc. # 18932

POWER REQUIREMENTS

Connect the AC line cord into any outlet furnishing 117 volts 50-60 cycles AC current.

CONNECTING SPEAKERS

Connect the speakers to the receiver by using the supplied cables. The speaker on the right, as you face the unit, should be connected to the jack marked RIGHT. Use the same procedure to connect the left speaker. Speakers may be placed in any convenient position: however, for optimum results, they should be placed against a wall or in a corner.

BANDS

MEDIUM WAVE (MW):.....535 to 1605 KHz
FM (FM):.....88 to 108 MHz

CONTROLS

TUNING CONTROL:.....Indirect slide rule (Rotary)
VOLUME CONTROL:.....Rotary
SELECTOR:.....AM/FM-MONO/FM-STEREO/PH & TAPE
TREBLE CONTROL:.....Rotary
BASS CONTROL:.....Rotary
BALANCE CONTROL:.....Rotary
POWER SWITCH:.....ON/OFF (Seesaw)
POWER SUPPLY:.....AC 120 V 60 Hz
ANTENNAS:.....4 3/4" LENGTH FERRITE ROD FOR AM

EXTERNAL TERMINALS

PHONO TERMINALS:.....(RCA JACK)
TAPE TERMINALS:.....(RCA JACK)
SPEAKER TERMINALS:.....(RCA JACK)
REC. OUT. TERMINALS:.....(RCA JACK)
ANTENNA TERMINAL FOR FM (300 OHM) & AM
HEAD PHONE JACK
AC CORD

CHASSIS AND CIRCUIT

22 TRANSISTORS, 20 DIODES, 4 TERMISTORS
2-GANG FOR AM AND 3-GANG FOR FM TUNING CAPACITOR
2 SPEAKER BOX (4", 8 ohm)
STEREO INDICATOR (Pilot lamp)
TUNING METER

DIMENSIONS

CABINET DIMENSIONS:.....3 25/32" (H) x 16 17/32" (W) x 8 21/32" (D)
CABINET DIMENSIONS (With Speaker box):.....14 13/32" (H) x 16 17/32"
(W) x 8 21/32" (D)

Audio Connection Information
 (120-Series)

Plug/Male 2 Ch. System

Faxback Doc.# 19994

Pin No.	WIRE COLOR	WIRE SPECS.	LABEL	REMARK
1	WHT/BLK	AWG #20 2P CORD	FRONT L-	STRIP SOLDER
2	GRY/BLK	"	FRONT R-	"
3				
4				
5	BLACK	AWG 206	GROUND	6.3mm r FORK TERMINAL
6	ORG/WHT *	"	DIMMER	STRIP SOLDER
7	PINK/WHT *	"	PHONE MUTE	"
8	WHITE	AWG #20 2p CORD	FRONT L+	"
9	GRAY	"	FRONT R+	"
10				
11				
12	RED	AWG #20	+12 V TO IGNITION	250/ 1A FUSE & 24M/M TRANS STRIP SOLDER
13	YELLOW	"	+12 V TO BATTERY	250/ 1A FUSE STRIP SOLDER
14	DARK BLUE/ WHITE	"	AMP REMOTE TURN ON 500mA MAX +12 V OUTPUT	WIRE BANDING & TUBE HEATING

* May or may not be present depending on features of individual radios.

(2CH/4CH SWITCHABLE UNIT)

Pin No.	WIRE COLOR	WIRE SPECS.	LABEL	REMARK
1	WHT/BLK	AWG #20 2P CORD	FRONT L-	STRIP SOLDER
2	GRY/BLK	"	FRONT R-	"
3	GRN/BLK	"	REAR L-	"
4	VIO/BLK	"	REAR R-	"
5	BLACK	AWG 206	GROUND	6.3mm r FORK TERMINAL
6	ORG/WHT *	"	DIMMER	STRIP SOLDER
7	PINK/WHT *	"	PHONE MUTE	"
8	WHITE	AWG #20 2p CORD	FRONT L+	"
9	GRAY	"	FRONT R+	"
10	GREEN	"	REAR L+	"
11	VIOLET	"	REAR R+	"
12	RED	AWG #20	+12 V TO IGNITION	250/ 1A FUSE & 24M/M TRANS STRIP SOLDER
13	YELLOW	"	+12 V TO BATTERY	250/ 1A FUSE STRIP SOLDER
14	DARK BLUE/ WHITE	"	AMP REMOTE TURN ON 500mA MAX +12 V OUTPUT	WIRE BANDING & TUBE HEATING

* May or may not be present depending on features of individual radios.

4 Chnl Unit

Pin No.	WIRE COLOR	WIRE SPECS.	LABEL	REMARK
1	WHT/BLK	AWG #20 2P CORD	FRONT L-	STRIP SOLDER
2	GRY/BLK	"	FRONT R-	"
3	GRN/BLK	"	REAR L-	"
4	VIO/BLK	"	REAR R-	"
5	BLACK	AWG 206	GROUND	6.3mm r FORK TERMINAL
6	ORG/WHT *	"	DIMMER	STRIP SOLDER
7	PINK/WHT *	"	PHONE MUTE	"
8	WHITE	AWG #20 2p CORD	FRONT L+	"
9	GRAY	"	FRONT R+	"
10	GREEN	"	REAR L+	
11	VIOLET	"	REAR R+	"
12	RED	AWG #20	+12 V TO IGNITION	250/ 1A FUSE & 24M/M TRANS STRIP SOLDER
13	YELLOW	"	+12 V TO BATTERY	250/ 1A FUSE STRIP SOLDER
14	DARK BLUE/ WHITE	"	AMP REMOTE TURN ON 500mA MAX +12 V OUTPUT	WIRE BANDING & TUBE HEATING

* May or may not be present depending on features of individual radios.

5-Pin DIN

FRONT

Green	Right (+)
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White	Right (-)
Brown	Left (+)
Gray	Left (-)
Red	+12 V Power

REAR

GRN/BLK	Right (+)
WH/BLK	Right (-)
BR/BLK	Left (+)
GRAY/BLK	Left (-)

Orange	S.P.L.
Black	Ground
Red w/ White	Memory Backup

(LB/all-02/09/96)
LN-03/04